

IN THE CLAIMS:

Please cancel Claims 1-5 and 7-28 without prejudice to or disclaimer of the subject matter presented therein.

Please add new Claims 29-31 as follows.

1.-5. (Cancelled)

6. (Cancelled)

7.-28. (Cancelled)

29. (New) A stereoscopic image display apparatus for allowing an observer to observe a stereoscopic image by guiding an image light on to a predetermined observation surface, comprising:

an image display element for displaying a synthesized parallax image by synthesizing stripe images for a left eye and stripe images for a right eye by alternately arranging the stripe images for a left eye and the stripe images for a right eye in a vertical direction, the stripe images for a left eye being a plurality of horizontally long images obtained by dividing a parallax image for a left eye and the stripe images for a right eye being a plurality of horizontally long images obtained by dividing a parallax image for a right eye;

a mask member including an opening and a shield;

a second optical system for converting a light incoming from said image display element to said mask member; and

a first optical system for converging a light incoming from said mask member onto the predetermined observation surface, wherein said first optical system includes a first lens array in which a plurality of first lenticular lenses are periodically arranged in a vertical direction and a second lens array in which a plurality of second lenticular lenses are periodically arranged in a horizontal direction,

wherein in optical characteristics of the first lens array in a vertical direction and an optical characteristics of the second lens array in a horizontal direction are different with each other.

30. (New) A stereoscopic image display apparatus according to claim 29, wherein, in said first optical system, a first lens array includes a plurality of third lenticular lenses periodically arranged in a horizontal direction.

31. (New) A stereoscopic image display apparatus according to claim 30, wherein, in the predetermined observation surface, a top of the second lenticular lenses, a top of the third lenticular lenses, a center of the opening of said mask member and a center of the shield of said mask member are arranged on a line connecting a position of a left eye of the observer, a position of a right eye of the observer and all of a plurality of pixels of image display element.